# NATIONAL CENTER FOR EDUCATION STATISTICS

# Digest of Education Statistics 1997

# NATIONAL CENTER FOR EDUCATION STATISTICS

# Digest of Education Statistics 1997

Thomas D. Snyder Project Director

Charlene M. Hoffman Production Manager

Claire M. Geddes Program Analyst

### **U.S. Department of Education**

Richard W. Riley Secretary

### Office of Educational Research and Improvement

Ricky Takai

Acting Assistant Secretary

### **National Center for Education Statistics**

Pascal D. Forgione, Jr.

Commissioner

The National Center for Education Statistics (NCES) is the primary federal entity for collecting, analyzing, and reporting data related to education in the United States and other nations. It fulfills a congressional mandate to collect, collate, analyze, and report full and complete statistics on the condition of education in the United States; conduct and publish reports and specialized analyses of the meaning and significance of such statistics; assist state and local education agencies in improving their statistical systems; and review and report on education activities in foreign countries.

NCES activities are designed to address high priority education data needs; provide consistent, reliable, complete, and accurate indicators of education status and trends; and report timely, useful, and high quality data to the U.S. Department of Education, the Congress, the states, other education policymakers, practitioners, data users, and the general public.

We strive to make our products available in a variety of formats and in language that is appropriate to a variety of audiences. You, as our customer, are the best judge of our success in communicating information effectively. If you have any comments or suggestions about this or any other NCES product or report, we would like to hear from you. Please direct your comments to:

National Center for Education Statistics Office of Educational Research and Improvement U.S. Department of Education 555 New Jersey Avenue, NW Washington, DC 20208–5651

December 1997

The NCES World Wide Web Home Page address is http://nces.ed.gov

### **Suggested Citation**

U.S. Department of Education. National Center for Education Statistics. *Digest of Education Statistics 1997*, NCES 98-015, by Thomas D. Snyder. Production Manager, Charlene M. Hoffman. Program Analyst, Claire M. Geddes. Washington DC: 1997.

Contact:

Thomas D. Snyder (202) 219-1689

# **Contents**

	Page
Foreword	iii
Acknowledgments	٧
Introduction	1
Chapter 1. All Levels of Education	5
Chapter 2. Elementary and Secondary Education	43
Chapter 3. Postsecondary Education	173
College and University Education	180
Vocational and Adult Education	369
Chapter 4. Federal Programs for Education and Related Activities	375
Chapter 5. Outcomes of Education	415
Chapter 6. International Comparisons of Education	433
Chapter 7. Learning Resources and Technology	457
Appendix	
Guide to Tabular Presentation	469
Guide to Sources	471
Definitions	503
Index of Table Numbers	517

## **Figures**

1.	The structure of education in the United States
2.	Enrollment and total expenditures in current and constant dollars, by level of education: 1960–61 to 1996–97
3.	Years of school completed by persons 25 years old and over: 1940 to 1996
4.	Years of school completed by persons 25 to 29 years of age: 1940 to 1996
5.	Highest level of education attained by persons 25 years and older: March 1996
6.	Items most frequently cited by the public as a major problem facing the local public schools: 1980 to 1996
7.	Preprimary enrollment of 3- to 5-year-olds, by attendance status:  October 1970 to October 1996
8.	Enrollment, number of teachers, pupil/teacher ratios, and expenditures in public schools: 1960–61 to 1996–97
9.	Percentage change in public elementary and secondary enrollment, by state: Fall 1991 to fall 1996
10.	Average annual salary for public elementary and secondary school teachers: 1969–70 to 1996–97
11.	Sources of revenue for public elementary and secondary schools: 1970–71 to 1994–95
12.	Current expenditure per pupil in average daily attendance in public elementary and secondary schools: 1970–71 to 1996–97
13.	Enrollment, degrees conferred, and expenditures in institutions of higher education: 1960–61 to 1996–97
14.	Percentage change in total enrollment of institutions of higher education, by state: Fall 1990 to fall 1995
15.	Enrollment in institutions of higher education, by age: Fall 1970 to fall 2007
16.	Full-time-equivalent students per staff member in public and private institutions of higher education: 1976 and 1993
17.	Trends in bachelor's degrees conferred in selected fields of study: 1984–85, 1989–90, and 1994–95
18.	Sources of current-fund revenue for public institutions of higher education: 1994–95.
19.	Sources of current-fund revenue for private institutions of higher education: 1994–95
20.	Federal on-budget funds for education, by agency: Fiscal year 1997
21.	Federal on-budget funds for education, by level or other educational purpose: 1965 to 1997
22.	Department of Education outlays, by type of recipient: Fiscal year 1997
23.	Labor force participation of persons 16 years old and over, by age and highest level of education: 1996

24.	Unemployment rates of persons 25 years old and over, by highest degree attained: 1996
25.	Labor force status of 1995–96 high school dropouts and graduates not enrolled in college: October 1996
26.	Median annual income of persons with income 25 years old and over, by highest degree attained and sex: 1995
27.	Salaries of recent bachelor's degree recipients 1 year after graduation, by field: 1987, 1991, and 1994
28.	Percentage change in enrollment, by area of the world and level of education: 1980 to 1994
29.	Public expenditures for education as a percentage of gross national product: Selected countries, 1993
30.	Bachelor's degree recipients as a percent of population for selected countries, by sex: 1994
31.	Nations' average mathematics performance compared to the United States: 1995
32.	Nations' average science performance compared to the United States: 1995
33.	Percent of all public schools having or expecting Internet access between fall 1994 and 2000
	Tablaa
	Tables
. All	Levels of Education
	Levels of Education
Enro	Levels of Education  Ilment, Teachers, and Schools  Estimated number of participants in elementary and secondary education and in
E <b>nro</b> 1.	Levels of Education  Ilment, Teachers, and Schools  Estimated number of participants in elementary and secondary education and in higher education: Fall 1997
Enro 1. 2.	Levels of Education  Ilment, Teachers, and Schools  Estimated number of participants in elementary and secondary education and in higher education: Fall 1997  Enrollment in educational institutions, by level and control of institution: Fall 1980 to fall 2005  Enrollment in educational institutions, by level and by control of institution:
1. 2. 3.	Levels of Education  Ilment, Teachers, and Schools  Estimated number of participants in elementary and secondary education and in higher education: Fall 1997
1. 2. 3. 4. 5.	Levels of Education  Ilment, Teachers, and Schools  Estimated number of participants in elementary and secondary education and in higher education: Fall 1997
1. 2. 3. 4. 5.	Levels of Education  Ilment, Teachers, and Schools  Estimated number of participants in elementary and secondary education and in higher education: Fall 1997  Enrollment in educational institutions, by level and control of institution: Fall 1980 to fall 2005  Enrollment in educational institutions, by level and by control of institution: 1869–70 to fall 2007  Teachers in elementary and secondary schools, and senior instructional staff in institutions of higher education, by control of institution: Fall 1970 to fall 2007  Educational institutions, by level and control of institution: 1978–79 to 1995–96
1. 2. 3. 4. 5. Enro	Levels of Education  Ilment, Teachers, and Schools  Estimated number of participants in elementary and secondary education and in higher education: Fall 1997
1. 2. 3. 4. 5. Enro 6.	Levels of Education  Ilment, Teachers, and Schools  Estimated number of participants in elementary and secondary education and in higher education: Fall 1997
1. 2. 3. 4. 5. Enro 6.	Levels of Education  Ilment, Teachers, and Schools  Estimated number of participants in elementary and secondary education and in higher education: Fall 1997

10.	Number of persons age 18 and over who hold a bachelor's or higher degree, by field of study, sex, race, and age: Spring 1993
11.	Educational attainment of persons 25 years old and over, by state: April 1990
12.	Educational attainment of persons 25 years old and over, by state and race/ethnicity: April 1990
13.	Educational attainment of persons 25 years old and over, for the 25 largest states:  March 1995
14.	Educational attainment of persons 25 years old and over, for the 15 largest metropolitan areas: March 1995
Рорі	ulation
15.	Estimates of resident population, by age group: July 1, 1970 to July 1, 1996
16.	Estimates of school-age resident population, by race and sex:  July 1, 1970 to July 1, 1996
17.	Estimated total and school-age resident populations, by state: 1970 to 1996
Char	acteristics of Families with Children
18.	Families, by family status and presence of own children under 18: 1970 to 1995
19.	Characteristics of families with own children under 18, by family status and race/ethnicity: 1995
20.	Household income and poverty rates, by state: 1990, 1994, and 1995
21.	Poverty status of persons, families, and children under 18, by race/ethnicity: 1959 to 1995
Opin	ions on Education
22.	Average grade that the public would give the schools in their community and in the nation at large: 1974 to 1995
23.	Items most frequently cited by the general public as a major problem facing the local public schools: 1970 to 1996
24.	Public opinion of public and private school choice: 1989 to 1996
25.	Parental involvement in 8th graders' school-related activities, by selected parental characteristics: 1988
26.	Teachers' opinions about the most important goals for education, by type and control of school: 1990–91
27.	Teachers' perceptions about serious problems in their schools, by type and control of school: 1990–91 and 1993–94
28.	Teachers' perceptions about teaching and school conditions, by type and control of school: 1993–94
29.	Public's level of confidence in various institutions: 1994 and 1996
Char	itable Contributions
30.	Percentage of households contributing to education and other charitable organizations and average annual donation, by type of charity: 1989, 1991, 1993, and 1995
	, ,

CONTENTS xi

### Finances

0.4	<b>T</b> ( )
31.	Total expenditures of educational institutions related to the gross domestic product, by level of institution: 1959–60 to 1996–97
32.	Total expenditures of educational institutions, by level and control of institution: 1899–1900 to 1996–97
33.	Estimated total expenditures of educational institutions, by level, control of institution, and source of funds: 1979–80 to 1994–95
34.	Governmental expenditures, by level of government and function: 1970–71 to 1992–93
35.	Direct general expenditures of state and local governments for all functions and for education, by level and state: 1992–93
36.	Direct general expenditures per capita of state and local governments for all functions and for education, by level and state: 1992–93
37.	Gross domestic product, state and local expenditures, personal income, disposable personal income, median family income, and population: 1929 to 1996
38.	Gross domestic product deflator, Consumer Price Index, education price indexes, and federal budget composite deflator: 1919 to 1997
2. Ele	mentary and Secondary Education
Enrol	lment
39.	Historical summary of public elementary and secondary school statistics:  1869–70 to 1994–95
40.	Enrollment in public elementary and secondary schools, by level and state:  Fall 1981 to fall 1996
41.	Enrollment in public elementary and secondary schools, by grade and state:  Fall 1995
42.	Enrollment in public elementary and secondary schools, by grade and state:  Fall 1994
43.	Enrollment in public elementary and secondary schools, by grade: Fall 1981 to fall 1995
44.	Average daily attendance in public elementary and secondary schools, by state: 1969–70 to 1994–95
45.	Enrollment in public elementary and secondary schools, by race or ethnicity and state: Fall 1986 and fall 1995
46.	Enrollment of 3-, 4-, and 5-year-old children in preprimary programs, by level and control of program and by attendance status: October 1965 to October 1996
47.	Children of prekindergarten through second grade age, by enrollment status, maternal characteristics, and household income: 1991, 1993, and 1995
48.	Percent of public school kindergarten teachers indicating the importance of various factors for kindergarten readiness: Spring 1993
49.	Child care arrangements of preschool children, by age and household characteristics: 1991 and 1995

50.	by length and size of class and teacher preparation: Spring 1993
51.	Public school pupils transported at public expense and current expenditures for transportation: 1929–30 to 1994–95
52.	Children 0 to 21 years old served in federally supported programs for the disabled, by type of disability: 1976–77 to 1995–96
53.	Percentage distribution of disabled persons 3 to 21 years old receiving education services for the disabled, by age group and educational environment: 1994–95
54.	State legislation on gifted and talented programs and number and percent of students receiving services in public elementary and secondary schools, by state: 1993–94 and 1995–96
55.	Number of children served under Individuals with Disabilities Education Act and Chapter 1 of the Education Consolidation and Improvement Act, State Operated Programs, by age group and state: 1990–91 to 1995–96
56.	Enrollment in grades 9 to 12 in public and private schools compared with population 14 to 17 years of age: 1889–90 to fall 1996
57.	Enrollment in foreign language courses compared with enrollment in grades 9 to 12 in public secondary schools: Fall 1948 to fall 1994
58.	Student participation in school programs and services, by control, level of school, and type of community: 1993–94
Priva	te Elementary and Secondary Schools
59.	Private elementary and secondary enrollment and schools, by selected characteristics: 1993–94
60.	Private elementary and secondary staff and student-staff ratios, by level and orientation of school: 1993–94
61.	Private elementary and secondary enrollment and schools, by amount of tuition, level, and orientation of school: 1993–94
62.	Summary statistics on Catholic elementary and secondary schools, by level: 1919–20 to 1996–97
63.	Private elementary and secondary schools, enrollment, teachers, and high school graduates, by state: Fall 1993
Teac	hers and Other Instructional Staff
64.	Public and private elementary and secondary teachers and pupil-teacher ratios, by level: Fall 1955 to fall 1997
65.	Public elementary and secondary teachers, by level and state: Fall 1991 to fall 1996
66.	Teachers, enrollment, and pupil-teacher ratios in public elementary and secondary schools, by state: Fall 1990 to fall 1995
67.	Teachers in public and private elementary and secondary schools, by selected characteristics: 1993–94
68.	Highest degree earned and number of years teaching experience for teachers in public elementary and secondary schools, by state: 1993–94

69.	Selected characteristics of public school teachers: Spring 1961 to spring 1996	79
70.	Public secondary school teachers, by subject taught: Spring 1966 to spring 1996	80
71.	Percent of vocational and nonvocational public school teachers of grades 9 to 12, by selected demographic and educational characteristics: 1993–94	80
72.	Mobility of public and private elementary and secondary teachers, by selected school and teacher characteristics: 1987–88 to 1993–94	81
73.	Average salaries for full-time teachers in public and private elementary and secondary schools, by selected characteristics: 1993–94	82
74.	Public school students' ratings of the quality of teachers and parental and community support for their schools, by school location and students' race/ethnicity (in percent): 1996	83
75.	Percent of students who give the teachers in their school grades "A" or "B" for their teaching skills, by school location and students' race/ethnicity: 1996	83
76.	Percent of public school students' interest in a career in education, by student characteristics: 1996	83
77.	Estimated average annual salary of teachers in public elementary and secondary schools: 1959–60 to 1996–97	84
78.	Estimated average annual salary of teachers in public elementary and secondary schools, by state: 1969–70 to 1996–97	85
79.	Minimum and average teacher salaries, by state: 1990-91, 1993-94, and 1995-96	86
80.	Average annual salary of instructional staff in public elementary and secondary schools, by state: 1939–40 to 1996–97	87
81.	Estimated average annual salary of instructional staff in public elementary and secondary schools and average annual earnings of full-time employees in all industries: 1929–30 to 1996–97	88
82.	Staff employed in public elementary and secondary school systems, by functional area: 1949–50 to fall 1995	89
83.	Staff employed in public school systems, by type of assignment and state: Fall 1995	90
84.	Staff employed in public school systems, by type of assignment and state: Fall 1994	91
85.	Staff and teachers in public elementary and secondary schools, by state: Fall 1989 to fall 1995	92
86.	Staff, enrollment, and pupil-staff ratios in public elementary and secondary schools, by state: Fall 1989 to fall 1995	93
87.	Principals in public and private elementary and secondary schools, by selected characteristics: 1993–94	94
Scho	ools and School Districts	
88.	Public elementary and secondary students, schools, pupil-teacher ratios, and finances, by type of locale: 1995	95
89.	Public school districts and public and private elementary and secondary schools: 1929–30 to 1995–96	96

90.	Public school districts and enrollment, by size of district: 1988–89 to 1995–96
91.	Number and percentage of public elementary and secondary education agencies, by state and type of agency: 1995–96
92.	Selected statistics for public school districts enrolling more than 20,000 pupils, by state: 1995–96
93.	Enrollment of the 130 largest public school districts: Fall 1995
94.	Public elementary and secondary schools, by type of school: 1967-68 to 1995-96
95.	Public elementary and secondary schools, by type and size of school: 1995–96
96.	Public elementary and secondary schools, by type and state: 1990–91 to 1995–96
97.	Public elementary schools, by grade span and average school size, by state: 1993–94
98.	Public secondary schools, by grade span and average school size, by state: 1995–96
High	School Seniors, Completions, and Dropouts
99.	High school graduates compared with population 17 years of age, by sex and control of school: 1869–70 to 1996–97
100.	Public high school graduates, by state: 1969–70 to 1996–97
101.	High school graduates and dropouts in public elementary and secondary schools, by race or ethnicity and state: 1994–95
102.	General Educational Development (GED) credentials issued, and number and age of test takers: United States and outlying areas, 1971 to 1995
103.	Percent of high school dropouts among persons 16 to 24 years old, by sex and race/ethnicity: April 1960 to October 1996
104.	Percent of high school dropouts among persons 16 to 34 years old, by age, sex, and race/ethnicity: October 1970 to October 1996
105.	Students with disabilities exiting the educational system, by age, type of disability, and basis of exit: United States and outlying areas, 1991–92 and 1993–94
106.	Postsecondary education and employment status, wages earned, and living arrangements of special education students out of secondary school up to 3 years, by type of disability: 1990
Educ	ational Achievement
107.	Average student proficiency in reading, by age and selected characteristics of students: 1971 to 1996
108.	Student proficiency in reading, by percentile and age: 1971 to 1996
109.	Student proficiency in reading, by age, amount of time spent on homework, and reading habits: 1984, 1994, and 1996
110.	Percent of students at or above selected reading proficiency levels, by sex, race/ethnicity, and age: 1971 to 1996
111.	Average proficiency in reading for 4th graders in public schools, by selected characteristics, region, and state: 1994

112.	Percentage distribution of 4th graders in public schools, by time spent on homework and television viewing each day: 1992 and 1996
113.	Average writing performance of 4th, 8th, and 11th graders, by selected characteristics of students: 1984 to 1996
114.	Student values and attitudes toward writing, by grade level: 1984, 1990, 1992, and 1994
115.	Percent of students at or above selected history proficiency levels, by selected characteristics and grade level: 1994
116.	Average student proficiency in geography and U.S. history, by student characteristics: 1994
117.	Percent of students at or above selected geography proficiency levels, by selected characteristics and grade level: 1994
118.	Average mathematics proficiency, by age and by selected characteristics of students: 1973 to 1996
119.	Percent of students at or above selected mathematics proficiency levels, by sex, race/ethnicity, control of school, and age: 1978 to 1996
120.	Average proficiency in mathematics content areas for 8th graders in public schools, by region and state: 1996
121.	Average proficiency in mathematics content areas for 4th graders in public schools, by region and state: 1996
122.	Selected characteristics of 8th grade students in public schools, by region and state: 1992
123.	Mathematics proficiency of 17-year-olds, by highest mathematics course taken, sex, and race/ethnicity: 1978, 1990, 1992, 1994, and 1996
124.	Percent of students at or above selected science proficiency levels, by sex, race/ethnicity, control of school, and age: 1977 to 1996
125.	Average proficiency in science for 8th graders in public schools, by selected characteristics and state: 1996
126.	Average science proficiency, by age and by selected characteristics of students: 1970 to 1996
127.	Twelfth graders' achievement on history, mathematics, reading, and science tests:
128.	Scholastic Assessment Test score averages, by race/ethnicity: 1975–76 to 1994–95
129.	Scholastic Assessment Test score averages for college-bound high school seniors, by sex: 1966–67 to 1996–97
130.	Distribution of Scholastic Assessment Test scores, by sex of student: 1975–76 to 1994–95
131.	Scholastic Assessment Test score averages, by intended area of study: 1977–78 to 1994–95
132	Scholastic Assessment Test score averages, by class rank: 1976–77 to 1994–95

133.	Scholastic Assessment Test score averages, by state: 1974–75 to 1994–95	136
134.	American College Testing (ACT) score averages, by sex: 1967 to 1996	137
135.	Percent of high school seniors reporting they were in general, college preparatory, and vocational programs, by student characteristics: 1982 and 1992	137
136.	Average number of Carnegie units earned by public high school graduates in various subject fields, by student characteristics: 1982 to 1994	138
137.	Average number of Carnegie units earned by public school graduates in vocational education courses, by student characteristics: 1982 to 1994	139
138.	Percentage of high school graduates taking selected, mathematics and science courses in high school, by sex and race/ethnicity: 1982 to 1994	140
139.	Percent of high school graduates earning minimum credits in selected combinations of academic courses, by sex and race/ethnicity: 1982 to 1994	140
Stude	ent Activities and Behavior	
140.	Reasons given by twelfth graders for taking current mathematics and science classes, by selected student and school characteristics: 1992	141
141.	Expected occupations of 8th, 10th, and 12th graders at age 30, by selected student and school characteristics: 1988, 1990, and 1992	141
142.	Eighth, tenth, and twelfth graders' attitudes about school climate, by student and school characteristics: 1988, 1990, and 1992	142
143.	Percentage of 3- to 5-year-olds who were read to every day in the last week by a family member: 1993, 1995, and 1996	142
144.	Participation of 10th and 12th graders in extracurricular activities, by selected student characteristics: 1990 and 1992	143
145.	Percent of high school seniors who plan to go to college after graduation, by student characteristics: 1982 and 1992	143
146.	Percent of high school seniors who say they engage in various activities, by student characteristics: 1982 and 1992	144
147.	Percent of high school seniors who participate in selected school-sponsored extracurricular activities, by student characteristics: 1980 and 1992	144
148.	Percent of high school students in grades 9 through 12 who reported experience with drugs and violence on school property, by race/ethnicity, grade, and sex: 1993 and 1995	145
149.	Percent of 12- to 17-year-olds reporting drug use during the past 30 days and the past year: 1979 to 1995	145
150.	Percent of high school seniors reporting drug use, by type of drug and frequency of use: 1975 to 1996	146
151.	Percent of students (grades 7 to 12) who feel that certain problems are very serious:	146

## State Regulations

152.	Ages for compulsory school attendance, special education services for students, policies for kindergarten programs, and year-round schools, by state:  1997 and 1995
153.	Tenth and twelfth graders' attendance patterns, by selected student and school characteristics: 1990 and 1992
154.	Twelfth graders who agree or strongly agree with statements about their school: 1992
155.	State requirements for high school graduation, in Carnegie units: 1993 and 1996
156.	States using minimum-competency testing, by government level setting standards, grade levels assessed, and expected uses of standards: 1995–96
157.	States requiring testing for initial certification of teachers, by authorization, year enacted, year effective, and test used: 1987 and 1990 and 1996
Reve	enues and Expenditures
158.	Revenues for public elementary and secondary schools, by source of funds: 1919–20 to 1994–95
159.	Revenues for public elementary and secondary schools, by source and state: 1994–95
160.	Revenues for public elementary and secondary schools, by source and state: 1993–94
161.	Funds and staff for state education agencies, by source of funding and state:  1992–93
162.	Summary of expenditures for public elementary and secondary education, by purpose: 1919–20 to 1994–95
163.	Total expenditures for public elementary and secondary education, by function and subfunction: 1989–90 to 1994–95
164.	Expenditures for instruction in public elementary and secondary schools, by subfunction and state: 1993–94 and 1994–95
165.	Current expenditures for public elementary and secondary education, by state: 1969–70 to 1996–97
166.	Total expenditures for public elementary and secondary education, by function and state: 1994–95
167.	Total expenditures for public elementary and secondary education, by function and state: 1993–94
168.	Current expenditure per pupil in average daily attendance in public elementary and secondary schools, by state: 1959–60 to 1994–95
169.	Total and current expenditure per pupil in public elementary and secondary schools: 1919–20 to 1996–97
3–A.	Postsecondary Education: College and University Education
Enro	ollment
170.	Enrollment and staff in, and degrees conferred by, institutions of higher education and noncollegiate postsecondary institutions: 1994–95 and fall 1993 and 1995

171.	Historical summary of faculty, students, degrees, and finances in institutions of higher education: 1869–70 to 1994–95
172.	Total fall enrollment in institutions of higher education, by attendance status, sex of student, and control of institution: 1947 to 1995
173.	Total fall enrollment in institutions of higher education, by control and type of institution: 1965 to 1995
174.	Total fall enrollment in institutions of higher education, by attendance status, sex, and age: 1970 to 2007
175.	Total fall enrollment in institutions of higher education, by level, sex, age, and attendance status of student: 1995
176.	Total fall enrollment in institutions of higher education, by type and control of institution, and age and attendance status of student: 1995
177.	Total fall enrollment in institutions of higher education, by level of enrollment, sex, attendance status, and type and control of institution: 1994 and 1995
178.	Total fall enrollment in institutions of higher education, by type and control of institution, attendance status, and sex of student: 1970 to 1995
179.	Fall enrollment and number of institutions of higher education, by affiliation of institution: 1980 to 1995
180.	Total fall enrollment in institutions of higher education, by type and control of institution, and attendance status and level of student: 1992 to 1995
181.	Total first-time freshmen enrolled in institutions of higher education, by sex of student, attendance status, and type and control of institution: Fall 1955 to fall 1995
182.	Total first-time freshmen enrolled in institutions of higher education, by attendance status, sex, control of institution, and state: Fall 1992 to fall 1995
183.	College enrollment rates of high school graduates, by race/ethnicity: 1960 to 1996
184.	College enrollment rates of high school graduates, by sex: 1960 to 1996
185.	Graduation, college preparation, and college application rates of high school students, by selected school characteristics: 1993–94
186.	Enrollment rates of 18- to 24-year-olds in institutions of higher education, by race/ethnicity: 1967 to 1996
187.	Total undergraduate fall enrollment in institutions of higher education, by sex of student, attendance status, and control of institution: 1969 to 1995
188.	Total graduate fall enrollment in institutions of higher education, by attendance status, sex of student, and control of institution: 1969 to 1995
189.	Total first-professional fall enrollment in institutions of higher education, by attendance status, sex of student, and control of institution: 1969 to 1995
190.	Total fall enrollment in institutions of higher education, by state: 1970 to 1995
191.	Total fall enrollment in public institutions of higher education, by state:  1970 to 1995

192.	Total fall enrollment in private institutions of higher education, by state:  1970 to 1995
193.	Total fall enrollment in all institutions of higher education, by attendance status, sex, and state: 1994 and 1995
194.	Total fall enrollment in public institutions of higher education, by attendance status, sex, and state: 1994 and 1995
195.	Total fall enrollment in private institutions of higher education, by attendance status, sex, and state: 1994 and 1995
196.	Total fall enrollment in institutions of higher education, by control, type of institution, and state: 1994 and 1995
197.	Total fall enrollment in institutions of higher education, by level of enrollment and state: 1993 to 1995
198.	Total fall enrollment in institutions of higher education, by control, level of enrollment, and state: 1995
199.	Total fall enrollment in institutions of higher education, by control, level of enrollment, and state: 1994
200.	Full-time-equivalent fall enrollment in institutions of higher education, by control and type of institution: 1969 to 1995
201.	Full-time-equivalent fall enrollment in institutions of higher education, by control, type of institution, and state: 1993 to 1995
202.	Full-time-equivalent fall enrollment in institutions of higher education, by control and state: 1980 to 1995
203.	Residence and migration of all freshmen students in institutions of higher education, by state: Fall 1994
204.	Residence and migration of all freshmen students in institutions of higher education graduating from high school in the past 12 months, by state: Fall 1994
205.	Residence and migration of all freshmen students in 4-year colleges graduating from high school in the past 12 months, by state: Fall 1994
206.	Total fall enrollment in institutions of higher education, by type and control of institution and race/ethnicity of student: 1976 to 1995
207.	Total fall enrollment in institutions of higher education, by level of study, sex, and race/ethnicity of student: 1976 to 1995
208.	Total fall enrollment in institutions of higher education, by level, attendance status, sex, and race/ethnicity of student: 1994 and 1995
209.	Total number of institutions and fall enrollment in institutions of higher education, by percentage minority enrollment: 1995
210.	Total fall enrollment in institutions of higher education, by race/ethnicity of student and by state: 1992 to 1995
211.	Number and percent of students enrolled in postsecondary institutions, by disability status and selected student characteristics: 1995–96
212.	Enrollment of persons 14 to 34 years of age in institutions of higher education, by race/ethnicity, sex, and year of college: October 1965 to October 1996

213.	Enrollment in postsecondary education, by major field of study, age, and level of student: 1992–93	222
214.	Graduate enrollment in science and engineering programs in institutions of higher education, by field of study: United States and outlying areas, fall 1984 to fall 1995	223
215.	Institutions of higher education and branches, by type, control, and size of enrollment: Fall 1994 and fall 1995	224
216.	Enrollment of the 120 largest college and university campuses: Fall 1995	225
217.	Selected statistics for college and university campuses enrolling more than 14,600 students in 1995	226
218.	Fall enrollment, degrees conferred, and expenditures in historically black colleges and universities, by institution: 1995	232
219.	Selected statistics on historically black colleges and universities: 1980, 1990, and 1995	234
220.	Fall enrollment in historically black colleges and universities, by type and control of institution: 1976 to 1995	235
Staff		
221.	Employees in institutions of higher education, by primary occupation, employment status, and control of institution: Fall 1976, fall 1991, and fall 1993	235
222.	Employees in institutions of higher education by race/ethnicity, primary occupation, control of institution, sex, and employment status: Fall 1993	236
223.	Employees in institutions of higher education, by primary occupation, sex, employment status, and by type and control of institution: Fall 1993	237
224.	Staff and student/staff ratios in institutions of higher education, by type and control of institution and by state: Fall 1993	238
Facul	lty	
225.	Full-time and part-time senior instructional faculty in institutions of higher education, by employment status, control, and type of institution: Fall 1970 to fall 1993	239
226.	Full-time instructional faculty in institutions of higher education, by race/ethnicity, academic rank, and sex: Fall 1993	239
227.	Full-time and part-time instructional faculty and staff in institutions of higher education, by selected characteristics and type and control of institution:  Fall 1992	240
228.	Full-time instructional faculty and staff in institutions of higher education, by instruction activities and type and control of institution: Fall 1992	242
229.	Part-time instructional faculty and staff in institutions of higher education, by instruction activities and type and control of institution: Fall 1992	243
230.	Full-time and part-time instructional faculty and staff in institutions of higher education, by type and control, academic rank, age, salary, race/ethnicity, and sex: Fall 1992	244
231.	Full-time and part-time instructional faculty and staff in institutions of higher education, by faculty characterisics and field: Fall 1992	246

232.	Percentage distribution of full-time and part-time instructional faculty and staff in institutions of higher education, by program area, race/ethnicity, and sex:  Fall 1992	
233.	Average base salaries of full-time instructional faculty and staff in institutions of higher education, by type and control of institution and by field of instruction: 1987–88 and 1992–93	
234.	Average salary of full-time instructional faculty on 9-month contracts in institutions of higher education, by academic rank, sex, and control and type of institution: 1970–71 to 1995–96	
235.	Average salary of full-time instructional faculty on 9-month contracts in institutions of higher education, by academic rank, sex, and by type and control of institution: 1980–81, 1990–91, 1994–95, and 1995–96	
236.	Average salary of full-time instructional faculty on 9-month contracts in institutions of higher education, by type and control of institution and by state: 1995–96	
237.	Average salary of full-time instructional faculty on 9-month contracts in institutions of higher education, by type and control of institution and by state: 1994–95	
238.	Average salary of full-time instructional faculty on 9-month contracts in 4-year institutions of higher education, by type and control of institution and rank of faculty and by state: 1995–96	
239.	Average salary of full-time instructional faculty on 9-month contracts in 4-year institutions of higher education, by type and control of institution and rank of faculty and by state: 1994–95	
240.	Full-time instructional faculty with tenure for institutions reporting tenure status, by academic rank, sex, and type and control of institution: 1980–81, 1990–91, 1994–95, and 1995–96	
Instit	utions	
241.	Institutions of higher education, by control and type of institution: 1949–50 to 1995–96	
242.	Institutions of higher education and branches, by type, control of institution, and state: 1995–96	
243.	Institutions of higher education that have closed their doors, by control and type of institution: 1960–61 to 1995–96	
Degr	ees	
244.	Earned degrees conferred by institutions of higher education, by level of degree and sex of student: 1869–70 to 2006–07	
245.	Degrees awarded by institutions of higher education, by control, level of degree, and state: 1994–95	
246.	Earned degrees conferred by institutions of higher education, by level of degree and by state: 1993–94 and 1994–95	
247.	Associate degrees conferred by institutions of higher education, by sex of student and field of study: 1988–89 to 1992–93	
248.	Associate degrees and other subbaccalaureate awards conferred by institutions of higher education, by length of curriculum, sex of student, and field of study: 1994–95	

249.	Associate degrees and other subbaccalaureate awards conferred by institutions of higher education, by length of curriculum, sex of student, and field of study: 1993–94
250.	Bachelor's degrees conferred by institutions of higher education, by discipline division: 1970–71 to 1994–95
251.	Master's degrees conferred by institutions of higher education, by discipline division: 1970–71 to 1994–95
252.	Doctor's degrees conferred by institutions of higher education, by discipline division: 1970–71 to 1994–95
253.	Bachelor's, master's, and doctor's degrees conferred by institutions of higher education, by sex of student and field of study: 1994–95
254.	Bachelor's, master's, and doctor's degrees conferred by institutions of higher education, by sex of student and field of study: 1993–94
255.	Degrees conferred by institutions of higher education, by control of institution: 1969–70 to 1994–95
256.	Degrees conferred by institutions of higher education, by control of institution, level of degree, and discipline division: 1994–95
257.	Degrees conferred by institutions of higher education, by control of institution, level of degree, and discipline division: 1993–94
258.	Number of institutions of higher education conferring degrees, by level of degree and discipline division: 1994–95
259.	Number of institutions of higher education conferring degrees, by level of degree and discipline division: 1993–94
260.	First-professional degrees conferred by institutions of higher education in dentistry, medicine, and law, by sex, and number of institutions conferring degrees: 1949–50 to 1994–95
261.	First-professional degrees conferred by institutions of higher education, by sex of student, control of institution, and field of study: 1983–84 to 1994–95
262.	Associate degrees conferred by institutions of higher education, by racial/ethnic group and sex of student: 1976–77 to 1994–95
263.	Associate degrees conferred by institutions of higher education, by racial/ethnic group, major field of study, and sex of student: 1994–95
264.	Associate degrees conferred by institutions of higher education, by racial/ethnic group, major field of study, and sex of student: 1993–94
265.	Bachelor's degrees conferred by institutions of higher education, by racial/ethnic group and sex of student: 1976–77 to 1994–95
266.	Bachelor's degrees conferred by institutions of higher education, by racial/ethnic group, major field of study, and sex of student: 1994–95
267.	Bachelor's degrees conferred by institutions of higher education, by racial/ethnic group, major field of study, and sex of student: 1993–94
268.	Master's degrees conferred by institutions of higher education, by racial/ethnic group and sex of student: 1976–77 to 1994–95

269.	Master's degrees conferred by institutions of higher education, by racial/ethnic group, major field of study, and sex of student: 1994–95	
270.	Master's degrees conferred by institutions of higher education, by racial/ethnic group, major field of study, and sex of student: 1993–94	
271.	Doctor's degrees conferred by institutions of higher education, by racial/ethnic group and sex of student: 1976–77 to 1994–95	
272.	Doctor's degrees conferred by institutions of higher education, by racial/ethnic group, major field of study, and sex of student: 1994–95	
273.	Doctor's degrees conferred by institutions of higher education, by racial/ethnic group, major field of study, and sex of student: 1993–94	
274.	First-professional degrees conferred by institutions of higher education, by racial/ethnic group and sex of student: 1976–77 to 1994–95	
275.	First-professional degrees conferred by institutions of higher education, by racial/ethnic group, major field of study, and sex of student: 1994–95	
276.	First-professional degrees conferred by institutions of higher education, by racial/ethnic group, major field of study, and sex of student: 1993–94	
277.	Earned degrees in agriculture and natural resources conferred by institutions of higher education, by level of degree and sex of student: 1970–71 to 1994–95	
278.	Earned degrees in architecture and related programs conferred by institutions of higher education, by level of degree and sex of student: 1949–50 to 1994–95	
279.	Earned degrees in the biological/life sciences conferred by institutions of higher education, by level of degree and sex of student: 1951–52 to 1994–95	
280.	Earned degrees in biology, microbiology, and zoology conferred by institutions of higher education, by level of degree: 1970–71 to 1994–95	
281.	Earned degrees in business conferred by institutions of higher education, by level of degree and sex of student: 1955–56 to 1994–95	
282.	Earned degrees in communications conferred by institutions of higher education, by level of degree and sex of student: 1970–71 to 1994–95	
283.	Earned degrees in computer and information sciences conferred by institutions of higher education, by level of degree and sex of student: 1970–71 to 1994–95	
284.	Earned degrees in education conferred by institutions of higher education, by level of degree and sex of student: 1949–50 to 1994–95	
285.	Earned degrees in engineering conferred by institutions of higher education, by level of degree and sex of student: 1949–50 to 1994–95	
286.	Earned degrees in chemical, civil, electrical, and mechanical engineering conferred by institutions of higher education, by level of degree: 1970–71 to 1994–95	
287.	Earned degrees in English language and literature/letters conferred by institutions of higher education, by level of degree and sex of student: 1949–50 to 1994–95	
288.	Earned degrees in modern foreign languages and literatures conferred by institutions of higher education, by level of degree and sex of student:	
	1949–50 to 1994–95	

289.	Earned degrees in French, German, and Spanish conferred by institutions of higher education, by level of degree: 1949–50 to 1994–95	3
290.	Earned degrees in the health professions and related sciences conferred by institutions of higher education, by level of degree and sex of student: 1970–71 to 1994–95	3
291.	Earned degrees in mathematics conferred by institutions of higher education, by level of degree and sex of student: 1949–50 to 1994–95	3
292.	Earned degrees in the physical sciences conferred by institutions of higher education, by level of degree and sex of student: 1959–60 to 1994–95	3
293.	Earned degrees in chemistry, geology, and physics conferred by institutions of higher education, by level of degree: 1970–71 to 1994–95	3
294.	Earned degrees in psychology conferred by institutions of higher education, by level of degree and by sex of student: 1949–50 to 1994–95	3
295.	Earned degrees in public administration and services conferred by institutions of higher education, by level of degree and sex of student: 1970–71 to 1994–95	3
296.	Earned degrees in the social sciences and history conferred by institutions of higher education, by level of degree and sex of student: 1970–71 to 1994–95	3
297.	Earned degrees in economics, history, political science and government, and sociology conferred by institutions of higher education, by level of degree: 1949–50 to 1994–95	3
298.	Earned degrees in visual and performing arts conferred by institutions of higher education, by level of degree and sex of student: 1970–71 to 1994–95	3
299.	Statistical profile of persons receiving doctor's degrees, by field of study: 1994–95	3
300.	Statistical profile of persons receiving doctor's degrees in education: 1979–80 to 1994–95	3
301.	Statistical profile of persons receiving doctor's degrees in engineering: 1979–80 to 1994–95	3
302.	Statistical profile of persons receiving doctor's degrees in the humanities: 1979–80 to 1994–95	3
303.	Statistical profile of persons receiving doctor's degrees in the life sciences: 1979–80 to 1994–95	3
304.	Statistical profile of persons receiving doctor's degrees in the physical sciences: 1979–80 to 1994–95	3
305.	Statistical profile of persons receiving doctor's degrees in the social sciences: 1979–80 to 1994–95	3
306.	Doctor's degrees conferred by 60 large institutions of higher education: 1985–86 to 1994–95	3
Outc	omes	
307.	Percentage distribution of 1980 high school sophomores, by highest level of education completed through 1992, by selected student characteristics: 1980 to 1992	3
308.	Mean number of semester credits completed by bachelor's degree recipients, by major and course area: 1972 to 1976 and 1980 to 1984	3

309.	Colleges and universities offering remedial services, by type and control of institution: 1987–88 to 1995–96
310.	Percent distribution of enrollment and completion status of first-time postsecondary students starting during the 1989–90 academic year, by degree objective and other student characteristics: 1994
311.	Scores on Graduate Record Examination (GRE) and subject matter tests: 1965 to 1996
Stud	ent Charges and Student Financial Assistance
312.	Average undergraduate tuition and fees and room and board rates paid by students in institutions of higher education, by type and control of institution:  1964–65 to 1996–97
313.	Average undergraduate tuition and fees and room and board rates paid by students in institutions of higher education, by control of institution and by state:  1995–96 and 1996–97
314.	Average graduate and first-professional tuition paid by students in institutions of higher education: 1987–88 to 1996–97
315.	Percent of undergraduates receiving aid and average amount awarded in 1995–96 per student, by type and source of aid and selected student characteristics
316.	Undergraduates enrolled full-time and part-time, by aid status and source of aid during 1995–96, and control and level of institution
317.	Percent of undergraduates receiving aid, by type and source of aid received, and by control and level of institution: 1992–93 and 1995–96
318.	Undergraduates enrolled full-time and part-time, by federal aid program and by control and level of institution: 1995–96
319.	Postbaccalaureate students enrolled full-time and part-time, by aid status, source of aid, and by level of study and control and level of institution:  1992–93 and 1995–96
320.	Postbaccalaureate students enrolled full-time and part-time, by type of aid and by level of study, control, and level of institution: 1992–93 and 1995–96
321.	Scholarship and fellowship awards of institutions of higher education, by control of institution: 1959–60 to 1994–95
322.	Pell Grant revenue of institutions of higher education compared to current-fund revenue and tuition, by type and control of institution: 1985–86 to 1994–95
323.	State awards for need-based undergraduate scholarship and grant programs, by state: 1983–84 to 1995–96
Inco	пе
324.	Current-fund revenue of institutions of higher education, by source: 1980–81 to 1994–95
325.	Current-fund revenue of public institutions of higher education, by source: 1980–81 to 1994–95
326.	Current-fund revenue of private institutions of higher education, by source:  1980–81 to 1994–95

321.	1919–20 to 1994–95
328.	Revenue of institutions of higher education, by source of funds, and by control and type of institution: 1994–95
329.	Current-fund revenue of public institutions of higher education, by state: 1980–81 to 1994–95
330.	Current-fund revenue of public institutions of higher education, by source of funds and state: 1994–95
331.	Current-fund revenue of public institutions of higher education, by source of funds and state: 1993–94
332.	Current-fund revenue from state and local governments of institutions of higher education, by state: 1985–86 to 1994–95
333.	Current-fund revenue received from the federal government by the 120 institutions of higher education receiving the largest amounts: 1994–95
Expe	nditures
334.	Current-fund expenditures and educational and general expenditures of institutions of higher education, by purpose and per student: 1929–30 to 1994–95
335.	Expenditures of institutions of higher education, by purpose and by control and type of institution: 1994–95
336.	Current-fund expenditures and expenditures per full-time-equivalent student in institutions of higher education, by type and control of institution:  1970–71 to 1994–95
337.	Current-fund expenditures of institutions of higher education, by purpose: 1980–81 to 1994–95
338.	Current-fund expenditures of public institutions of higher education, by purpose: 1980–81 to 1994–95
339.	Current-fund expenditures of private institutions of higher education, by purpose: 1980–81 to 1994–95
340.	Voluntary support for institutions of higher education, by source and purpose of support: 1949–50 to 1994–95
341.	Educational and general expenditures of public universities, by purpose: 1976–77 to 1994–95
342.	Educational and general expenditures of public 4-year colleges, by purpose: 1976–77 to 1994–95
343.	Educational and general expenditures of public 2-year colleges, by purpose: 1976–77 to 1994–95
344.	Educational and general expenditures of private (nonprofit) universities, by purpose: 1976–77 to 1994–95
345.	Educational and general expenditures of private (nonprofit) 4-year colleges, by purpose: 1976–77 to 1994–95
346.	Current-fund expenditures of public institutions of higher education, by state: 1980–81 to 1994–95

347.	Educational and general expenditures of public institutions of higher education, by state: 1980–81 to 1994–95
348.	Current-fund expenditures and educational and general expenditures of private institutions of higher education, by state: 1985–86 to 1994–95
349.	Current-fund expenditures per full-time-equivalent student in institutions of higher education, by control and type of institution and purpose of expenditure: 1994–95
Prop	erty
350.	Additions to physical plant value of institutions of higher education, by type of addition and control of institution: 1969–70 to 1994–95
351.	Value of property and liabilities of institutions of higher education:  1899–1900 to 1994–95
352.	Endowment funds of the 120 institutions of higher education with the largest amounts: Fiscal year 1995
3–B.	Postsecondary Education: Vocational and Adult Education
Adul	t Education
353.	Participation of employed persons, 17 years old and over, in adult education during the previous 12 months, by selected characteristics of participants: 1995
354.	Participation in adult education during the previous 12 months by adults 17 years old and older, by selected characteristics of participants: 1991 and 1995
355.	Participants in adult basic and secondary education programs, by level of enrollment and state: Fiscal years 1980, 1990, and 1995
Voca	tional Education
356.	Number of noncollegiate institutions offering postsecondary education, by control and state: 1993–94, 1994–95, and 1995–96
4. Fe	deral Programs for Education and Related Activities
357.	Federal support and estimated federal tax expenditures for education, by category: Fiscal years 1965 to 1997
358.	Federal on-budget funds for education, by agency: Fiscal years 1965 to 1997
359.	Federal on-budget funds for education, by level or other educational purpose, by agency and program: Fiscal years 1965 to 1997
360.	Estimated federal support for education, by agency and type of ultimate recipient: Fiscal year 1997
361.	Federal on-budget funds obligated for programs administered by the Department of Education: Fiscal years 1980 to 1997
362.	U.S. Department of Education outlays, by level of education and type of recipient: Fiscal years 1980 to 1997
363.	U.S. Department of Education obligations for major programs, by state or other area: Fiscal year 1996
364.	U.S. Department of Education obligations for major programs, by state or other area:  Fiscal year 1995

365.	Appropriations for Title I and Title VI, Elementary and Secondary Education Act (ESEA) of 1994, by state or other area: 1995–96 and 1996–97
366.	Federal science and engineering obligations to colleges and universities, by agency and state: Fiscal year 1995
367.	Summary of federal funds for research, development, and R & D plant: Fiscal years 1989 to 1997
368.	Federal obligations to colleges and universities for research and development, by field: United States and outlying areas, 1980 to 1994
369.	U.S. Department of Agriculture obligations for child nutrition programs, by state or other area: Fiscal years 1995 and 1996
370.	U.S. Department of Health and Human Services allocations for Head Start and enrollment in Head Start, by state or other area: Fiscal years 1993 to 1996
371.	Public school students receiving federally funded free or reduced price lunches, by selected school characteristics: School year 1993–94
372.	Public and private school students receiving federally funded Chapter I services, by selected school characteristics: School year 1993–94
5. Ou	tcomes of Education
Educ	ational Characteristics of the Workforce
373.	Percent of 18- to 25-year-olds reporting drug use during the past 30 days and the past year: 1979 to 1995
374.	Percent of 1972, 1982, and 1992 high school seniors who felt that certain life values were "very important," by sex: 1972 to 1994
375.	Labor force participation of persons 16 years old and over, by age, sex, race/ethnicity, and highest level of education: 1996
376.	Occupation of employed persons 25 years old and over, by educational attainment and sex: 1996
377.	Unemployment rate of persons 16 years old and over, by age, sex, race/ethnicity, and highest degree attained: 1994, 1995 and 1996
378.	Median annual income of year-round full-time workers 25 years old and over, by level of education completed and sex: 1989 to 1995
379.	Total annual money income and median income of persons 25 years old and over, by educational attainment and sex: 1995
380.	College enrollment and labor force status of 1995 and 1996 high school graduates 16 to 24 years old, by sex and race/ethnicity: October 1995 and October 1996
Rece	nt High School and College Graduates
381.	Labor force status of 1979–80 to 1995–96 high school dropouts 16 to 24 years old, by sex and race/ethnicity: October 1980 to October 1996
382.	Employment of 12th graders, by selected student characteristics: 1992
383.	Full-time employment status of bachelor's degree recipients 1 year after graduation, by field of study: 1976 to 1991
384.	Employment status of 1992–93 bachelor's degree recipients 1 year after graduation, by field of study and occupational area: 1994

385.	Percentage of 1992–93 bachelor's degree recipients pursuing further education within one year after graduation, by type of enrollment and undergraduate major: April 1994
386.	Average annual salary of bachelor's degree recipients employed full-time 1 year after graduation, by field of study: 1976 to 1994
387.	Participation of young adults in voluntary or community service activities, by selected characteristics: 1992 to 1994
388.	Literacy skills of adults, 16 years old and over, by selected characteristics: 1992
6. Inte	ernational Comparisons of Education
389.	School-age populations as a percent of total population: Selected countries, 1985, 1990 and 1995
390.	Percent of population enrolled in secondary and postsecondary institutions, by age group: Selected countries, 1985, 1990, and 1994
391.	Estimated population, school enrollment, teachers, and public expenditures for education in major areas of the world: 1980, 1990, 1993, and 1994
392.	Selected statistics for countries with populations over 10 million, by continent: 1980, 1990, and 1994
393.	Pupils per teacher in public and private elementary and secondary schools, by level of education: Selected countries, 1985 to 1994
394.	Geography proficiency of 13-year-olds in educational systems participating in the International Assessment of Educational Progress: 1991
395.	Average eighth grade mathematics scores by content areas, and average time spent studying out of school, by country: 1994–95
396.	Instructional practices and time spent teaching mathematics in eighth grade, by country: 1994–95
397.	Average eighth grade science scores by content areas, and average time spent studying out of school, by country: 1994–95
398.	Instructional practices and time spent teaching science in eighth grade, by country: 1994–95
399.	Average size of eighth grade mathematics class, and frequency teachers assign mathematics homework, by country: 1994–95
400.	Eighth grade students' perceptions about mathematics achievement and hours spent on leisure activities, by country: 1994–95
401.	Average fourth grade mathematics scores, by content areas, and average time spent studying mathematics out of school, by country: 1994–95
402.	Average fourth grade science scores, by content areas, and average time spent teaching science in school, by country: 1994–95
403.	Reading literacy test scores of 9-year-olds: Selected countries, 1992
404.	Reading literacy test scores of 14-year-olds: Selected countries, 1992
405.	Number of bachelor's degree recipients per 100 persons of the theoretical age of graduation, by sex: Selected countries, 1989 to 1994

406.	Percent of bachelor's degrees awarded in science: Selected countries, 1985 to 1994	453		
407.	Percent of graduate degrees awarded in science: Selected countries, 1985, 1990, and 1991	454		
408.	Public education expenditures per student, by level of student: Selected countries, 1985 to 1993	454		
409.	Public expenditures for education as a percentage of gross domestic product, by level of education: Selected countries, 1985 to 1993	455		
410.	Foreign students enrolled in institutions of higher education in the United States and outlying areas, by continent, region, and selected countries of origin:  1980–81 to 1995–96	456		
7. Le	arning Resources and Technology			
Libra	ries			
411.	Percentage of school library/media centers that offered selected services and equipment, and library/media center expenditures, by control and level of school: 1993–94	459		
412.	Selected statistics on of public school library/media centers, by level and enrollment size of school: 1993–94	460		
413.	Selected statistics on public school library/media centers, by state: 1993–94	461		
414.	Percent of public and private schools having access to selected telecommunication capabilities, by location of access site and level of school: 1995	462		
415.	Percent of public schools and school classrooms having access to the Internet, by school charecteristics: 1994, 1995 and 1996	462		
416.	General statistics of college and university libraries: 1974–75 to 1994–95	463		
417.	Selected statistics on the collections, staff, and operating expenditures of 60 large college and university libraries: 1994	464		
418.	General statistics of public libraries, by population of legal service area: 1994	465		
419.	Public libraries, books and serial volumes, library visits, and reference transactions, by state: 1994	465		
Com	outers and Technology			
420.	Percent of workers, 18 years old and over, using computers on the job, by selected characteristics and computer activities: October 1993	466		
421.	Access to and use of home computers, by selected characteristics of students and other users: October 1993	467		
422.	Student use of computers, by level of instruction and selected characteristics:  October 1984, 1989, and 1993	468		
Guide to Sources				
Appendix Tables				
A1.	Standard errors for enrollment and completion status of first-time postsecondary students starting during the 1989–90 academic year, by degree objective and other student characteristics: 1994	496		

A2.	Respondent counts for selected High School and Beyond surveys	497
A3.	Design effects (DEFF) and root design effects (DEFT) for selected High School and Beyond surveys and subsamples	498
A4.	Respondent counts for the National Educational Longitudinal Study: 1988, 1990, and 1992	498
A5.	Design effects (DEFF) and root design effects (DEFT) for selected National Educational Longitudinal Survey samples	499
A6.	Respondent counts of full-time workers from the Recent College Graduate survey: 1976 to 1991	499
A7.	Estimated enrollment rates and standard errors in the October Current Population Survey	500
A8.	Estimated educational attainment rates and standard errors in the March Current Population Survey	500
A9.	Percent of seniors who had ever used selected drugs and 95 percent confidence limits: 1986	500
A10.	Sampling errors (95 percent confidence level) for percentages estimated from the Gallup Poll: 1992 and 1993	501
A11.	Sampling errors (95 percent confidence level) for the difference in two percentages estimated from the Gallup Poll: 1992 and 1993	501
A12.	Maximum differences required for significance (90 percent confidence level) between sample subgroups of the "Status of the American Public School Teacher" survey .	501

# **Index of Table Numbers**

educational attainment, 12

Α	enrolled in colleges and universities, 206-211, 315
Academic programs in high school, 135–139, 136,	enrolled in public schools, 45
147	expected occupations, 141
Accounting, degrees conferred, 247–249, 253, 254	financial aid, 315
Achievement tests. See Assessment	high school program, 135
Activities	testing, 111, 115, 127, 128  Annual expenditure per pupil, public schools, 39, 88,
elementary school, 143	92, 168, 169, 408
college faculty, 228, 229	Annual salary. See Salaries.
high school, 144, 146, 147	Applications, college, 185
kindergarten, 50, 143	Applied research funds, 334, 335, 337–339, 341–
young adults, 387	345, 349, 357, 367, 368
Additions to plant value, higher education, 350	Architecture
Administration expenditures	degrees conferred, 247-252, 256-259, 263, 264,
elementary and secondary schools, 161-163, 166,	266, 267, 269, 270, 272, 273, 278
167	enrollment, higher education, 213
institutions of higher education, 334, 335, 337–339,	Area studies,
341–345, 349	degrees conferred, 247-254, 256-259, 263, 264,
Administrative units (school districts), 89–93	266, 267, 269, 270, 272, 273
Adult basic education, 355	Art, degrees conferred, 247–254, 256–259, 263, 264,
Adult education participants in, 353, 354	266, 267, 269, 270, 272, 273, 298
Adult and vocational education, 213, 247–249, 353,	Asian or Pacific Islander
354, 356 Endoral funds for 350, 361, 363, 364	activities, 144–147
Federal funds for, 359, 361, 363, 364 Affiliation, religious	attendance patterns, 153
elementary and secondary schools, 59–62, 140–	attitudes about schools, 142, 154
142, 144–146	courses taken by high school students, 136–140
institutions of higher education, 179	degrees conferred, 262–276, 299–305, 307 educational attainment, 12
Age	enrolled in colleges and universities, 206–211, 315
enrollment, 6, 7	enrolled in public schools, 45
for compulsory school attendance, 152	expected occupations, 141
of college students, 174–176, 186, 211–213	financial aid, 315
Agriculture	high school program, 135
degrees conferred, 10, 247-254, 256-259, 263,	testing, 111, 115, 116, 127, 128
264, 266, 267, 269, 270, 272, 273, 277	Assessment
enrollment, higher education, 213, 214	American College Testing, 134
faculty in higher education, 231-233	Graduate Record Examination, 311
formal awards, organized occupational curricula,	international, 394-404
247–249	minimum-competency, 156, 157
units earned by high school graduates, 137	National Assessment of Educational Progress,
All leads of a leading 1, 22	107–124, 126
All levels of education, 1–38	National Education Longitudinal Study, 127
American Indians	Scholastic Assessment Test, 128–133
activities, 144–146	Associate degrees, 9, 11, 170, 171, 217–219, 244,
attendance patterns, 153 attitudes about schools, 142, 154	246–249, 255–259, 262–264 Athletics, participation in school activities, 144, 146,
courses taken by high school students, 136–140	147
degrees conferred, 262–276, 299–305, 307	Attendance patterns, 153
J	er e e presser e e e e

Attitudes about

unemployment rate, 377, 380, 381

education, 22–29, 69, 74–76 life values, 374 selected classes, 140 school climate, 142 Attrition, college student, 307, 310 Auxiliary enterprises, higher education, 324–328, 330, 331, 334, 335, 337–339 Aver age daily attendance, 39, 44, 51 Average daily membership, 39 Average length of school year, 39, 122	years of school completed, 8–10, 12 Black colleges, 218–220 Board rates, 312, 313 Business and management credits earned by college graduates, 308 credits earned by high school graduates, 137 degrees conferred, 10, 247–254, 256–259, 263, 264, 266, 267, 269, 270, 272, 273, 281, 299 enrollment, higher education, 213 faculty in higher education, 232, 233 vocational programs, 247–249
В	C
Bachelor's degrees, 9–14, 170, 171, 216, 244–246, 250, 253, 254, , 255–259, 265–267, 277–298 Basic administrative units, 89–93 Basic student charges, higher education, 312–314 Behavior, student, 27, 28, 140–151, 153, 154 Benefits expenditure, 163, 164 Biological sciences credits earned by college graduates, 308 credits earned by high school graduates, 136, 138 degrees conferred, 10, 247–254, 256–259, 263, 264, 266, 267, 269, 270, 272, 273, 279, 280, 299, 303	Cable television, 414 Capital outlay higher education, 35, 350 public elementary and secondary schools, 35, 39, 162, 163, 166, 167 Carnegie classification of colleges, 328, 335 Catholic schools achievement test scores, 127 elementary and secondary, 59–62 expected occupations of students, 141 institutions of higher education, 179
enrollment, higher education, 213 faculty, 232 Graduate Record Examination, 311 Blacks	participation in extracurricular activities, 144, 146 student attitudes about classes, 140, 154 student attitudes about school climate, 142 student attendance patterns, 153
activities, 144, 146, 147 adult education, 353, 354 attendance patterns, 153 attitudes about schools, 142, 154 courses taken by high school students, 136–140	Center-based programs for preschool, 41, 42, 46, 47, 49, 143 Chapter 1 (Title 1), 88, 359, 361, 363–365, 372 Cheerleading, participation in school activities, 144, 147 Chemical angineering, 253, 354, 386
degrees conferred, 9, 10, 12, 219, 262–276, 299–305, 307 dropouts, 103, 104, 381 drug use, 148 educational attainment, 8–10, 12 enrolled in colleges and universities, 183, 186,	Chemical engineering, 253, 254, 286 Chemistry, degrees conferred, 253, 254, 293 Chemistry, Graduate Record Examination, 311 Child care, 47, 49 Church affiliation elementary and secondary schools, 59–62, 127,
206–212, 218, 219, 310, 315, 380 enrolled in public schools, 45 enrolled in school, 7 expected occupations, 141 family characteristics, 19 financial aid, 315	140, 144–147, 153, 154 institutions of higher education, 179 City school systems, 88, 92, 93, 145, 151, 371, 372 Civil engineering, 253, 254, 286 Class rank, 132 Class size, 69, 228, 229
high school program 135 historically black colleges and universities, 218– 220 labor force participation, 375, 380, 381	Classroom teachers attitudes about schools, 26–28, 74–76, 151 characteristics of private school teachers, 67 characteristics of public school teachers, 67–69, 71
literacy, 388 parental involvement in school activities, 25 persistence in higher education, 307, 310 population, 16 poverty status, 21 testing, 107, 110–113, 116–119, 123, 124, 126– 128	mobility, 72 new teachers' experiences, 74–76 opinions about teaching, 26–28, 74–76 private schools, 4, 60, 62–64, 67, 72, 73 public schools, 4, 39, 64–79, 82–85, 88, 92 salaries of private school teachers, 73 salaries of public school teachers, 73, 77–79

satisfaction with teaching, 26-28, 69, 74-76

teaching assignments, 70, 71 Climate in schools, 27, 28, 142 Closing of institutions of higher education, 243 Clubs, participation in school activities, 144, 147 College faculty. See Faculty, higher education. College and university education, 170–352 College plans and applications, 145, 185 Communications degrees conferred, 247–254, 256–259, 263, 264, 266, 267, 269, 270, 272, 273, 282 enrollment, 213 faculty, 232	elementary and secondary schools, 59–62, 127, 140, 144–147, 153, 154 institutions of higher education, 179  Dentistry degrees conferred, 260, 261, 275, 276 dental assisting, awards in, 247–249 enrollment, higher education, 213  Department of Education outlays, 358–366 For other Departments, see Federal funds.  Disabled, 52–55, 58, 105, 106, 211  Discipline problems, 23, 27, 28, 142, 148, 151  Disposable personal income, 37
Competency testing students, 122, 156 teachers, 157	Districts, school, 89–93 Doctor's degrees, 9, 11, 170, 171, 217–219, 244, 246, 253, 254, 252, 255, 256, 257–259, 271–273,
Compulsory attendance, age for, 152 Computer and information sciences courses taken by high school graduates, 136, 142 credits earned by college graduates, 308 degrees conferred, 247–254, 256–259, 263, 264, 266, 267, 269, 270, 272, 273, 283 enrollment in college, 213, 214 faculty, 232	277–306 Dormitory rooms, charges for, 312, 313 Dramatic arts, degrees conferred, 253, 254 Dropouts (high school) employment and unemployment, 375, 377, 379, 381 income of, 378, 379 number, 381
Computers, use of, 414, 415, 420–422 Consumer Price Index, 38 Courses completed by college graduates, 308	percent, by age group, 8, 9, 11–14, 103, 104 Dropouts (college), 307, 310 Drug abuse, 23, 27, 148–151, 373
Courses completed by high school graduates, 136–139	E
Current expenditures higher education, 171, 217–219, 334–339, 346, 348, 349 public schools, 39, 88, 92, 162, 163, 165–169 Current-fund revenues in higher education, 171, 217, 219, 322, 324–333	Earned degrees. See Degrees, earned. Earnings by years of school completed, 378–379, 386 Earnings of recent college graduates, 386 Economics, degrees conferred, 253, 254, 297
D	faculty, 232
Daily attendance as a percent of enrollment, 39	Education adult, 353–355
Day care, 47, 49 Degrees, earned associate, 9, 11, 170, 171, 217–219, 244, 246– 249, 255–259, 262–264 bachelor's and higher, 9–12, 170, 171, 217–219, 244, 246, 250–306 by race, 9, 10, 12, 219, 262–276, 299–305	all levels, 1–38 bilingual, 58, 359, 361, 363, 364 credits earned by college graduates, 308 degrees conferred, 170, 171, 217–219, 244–306 degrees conferred in education, 10, 247–254, 256– 259, 263, 266, 267, 269, 270, 272, 273, 284, 299, 300
by sex, 9, 10, 170, 171, 219, 244, 247–249, 253, 254, 260–279, 281–285, 287, 288, 290–292, 294–296, 298–305 first-professional, 9, 170, 171, 217–219, 244, 246, 255, 260, 261, 274–276	elementary and secondary, 39–169 enrollment, higher education, 1–3, 170–220 faculty in higher education, 221–233 Federal programs, 357–372 Graduate Record Examination, 311
historical summary, 171, 244 historically black colleges, 218, 219 international comparison, 405–407 large institutions of higher education, 217 major field of study, 10, 247–254, 256–261, 263,	handicapped students, 52–55, 58, 105, 106, 211 higher, 170–356 international, 389–410 outcomes, 8–14, 99–139, 244–311, 373–388, 394– 407
264, 266, 267, 269, 270, 272, 273, 275–305	price indexes, 38

```
vocational, 58, 70, 71, 135-137, 247-249, 353,
                                                            by sex, 6, 7, 170-172, 174, 175, 177-179,
    355, 359, 361, 363, 364
                                                              181.182, 184, 187–189, 193–195, 207, 211, 212,
Education in the U.S., structure of, (figure 1)
                                                              217, 219, 353, 354, 380
Educational administration and supervision, degrees
                                                            elementary and secondary
  conferred, 253, 254
                                                              private, 1-3, 46, 56, 58, 59, 61-63
Educational attainment, 8-14
                                                              public, 1-3, 39-46, 51, 56-58, 66, 86, 88, 90,
Educational attainment in the work force, 375-379
                                                                92, 93, 95
Electrical engineering, 253, 254, 286
                                                              total, 1-3
Elementary and secondary education, 1-5, 31-33,
                                                            elementary schools
  35, 36, 39-169
                                                              private, 2, 3, 58, 61, 62
Elementary and Secondary Price Index, 38
                                                              public, 2, 3, 39-43, 58, 95
Elementary education, degrees conferred, 253, 254
                                                              total, 1-3
Elementary schools, number
                                                            engineering, 213, 214
  private, 5, 59, 61-63, 89
                                                            exceptional children, 52-55, 58, 105, 106, 211
  public, 5, 88, 89, 92, 94-98
                                                            foreign languages, public secondary schools, 57
Employees
                                                            foreign students in American colleges, 206-210,
  colleges, 221-224
  private elementary and secondary schools, 60
                                                            handicapped, 52-54, 58, 105, 106, 211
  public elementary and secondary schools, 82-86
                                                            higher education
Employment
                                                              affiliation, 179
  college graduates, 375-377, 379, 383-385
                                                              age, 174-176, 186, 212, 213, 353, 354
  handicapped students, 106
                                                              disabled, 106, 211
  high school dropouts, 375-377, 379, 381
                                                              engineering, 213, 214
  high school graduates, 375-377, 379, 380
                                                              first-professional, 2, 175, 177, 189, 197–199,
  high school seniors, 382
Endowment funds, 171, 351, 352
                                                              four-year colleges, 170, 173, 176-178, 181, 196,
Endowment funds, revenue from, 324-328, 330, 331
                                                                198-201, 205, 206, 209, 213-220, 310
                                                              freshmen, 181-184, 203-205, 212
Engineering
                                                              full-time, 172, 174-182, 187-189, 193-195, 217,
  credits earned by college graduates, 308
  degrees conferred, 10, 247-254, 256-259, 263,
                                                                219
    264, 266, 267, 269, 270, 272, 273, 285, 286,
                                                              full-time-equivalent, 200-202, 217
                                                              graduate, 2, 175, 177, 188, 197-199, 207, 213,
    299, 301
                                                                214, 217, 319, 320
  enrollment, higher education, 213, 214
  faculty in higher education, 231-233
                                                              historically black colleges and universities, 218-
  Graduate Record Examination, 311
  graduates, organized occupational curricula, 247-
                                                              large institutions of higher education, 215-217
    249, 263, 264
                                                              major field of study, 213, 214
                                                              minority, 183, 185, 186, 206-212, 219
  credits earned by high school graduates, 136, 139
                                                              part-time, 172, 174-182, 187-189, 193-195,
  enrollment in higher education, 213
                                                                217, 219
  faculty, 232
                                                              private institutions, 2, 3, 170, 172, 173, 176-182,
  degrees conferred, 247-254, 256-259, 263, 264,
                                                                187-189, 192, 195, 196, 198-202, 206, 209,
    266, 267, 269, 270, 287
                                                                215-220
  requirements for graduation, 155
                                                              public institutions, 2, 3, 170, 172, 173, 176-182,
  teachers, public high schools, 70
                                                                187-189, 191, 194, 196, 198-202, 206, 209,
Enrollment
                                                                215-220
  adult basic education, 355
                                                              race, 183, 186, 206-213, 219
  adult education, 353-355
                                                              rate, 6, 7, 179-182, 301, 307, 380, 389, 390
  affiliation,
                                                              sex, 170-172, 174, 175, 177-182, 184, 187-
    elementary and secondary schools, 59, 61, 62
                                                                189, 193-195, 207, 211, 212, 217, 219
    institutions of higher education, 179
                                                              total, 1-3, 170-179, 190-199, 206-210, 212,
  ages, 6, 7, 174-176, 186, 212, 213, 315, 354, 353
                                                                213, 215-220
  all levels of education, 1-3, 6, 7
                                                              traditionally black colleges, 218-220
                                                              two-year colleges, 170, 173, 176-178, 181, 196,
  by grade, 41-43
  by grade span of school, 95
                                                                198-201, 205, 206, 209, 213, 215-219, 310
  by race, 7, 45, 59, 179, 183, 206-210, 212, 219,
                                                              type of institution, 170, 173, 176-178, 181, 196,
                                                                198-201, 205, 206, 209, 213-220, 310
    353, 354, 380
```

undergraduate, 2, 175, 177, 187, 197–199, 207, 211–213, 217, 315–318	control of institution, 1, 4, 221, 225, 227–230, 233–240
high schools. See Secondary schools.	employment status, 222, 225, 227–232
international, 389–391 kindergarten, 41, 43, 46, 47, 50, 52, 53, 55	field, 231–233
=	productivity, 228, 229
large school districts, 88, 90, 92, 93 mathematics, higher education, 136, 138, 213, 214	race/ethnicity, 222, 225–227, 230–232
preprimary programs, 41–43, 46, 47, 49, 52, 53,	salary, 227, 230, 233–239 sex, 171, 222, 223, 226, 227, 230–232, 234, 235,
55	240
race, elementary and secondary schools, 45	tenure, 240
science, 136, 138, 213, 214	Faculty salaries, 227, 230, 233–239
secondary schools	Families
private, 2, 3, 56, 58, 61, 62	income, 37
public, 2, 3, 39–43, 56, 58, 95	number, 18, 19
total, 1–3, 56, 58	parental involvement with school activities, 25
school districts, 90, 92, 93	poverty status, 21
social sciences, higher education, 213, 214	with children, 18, 19
special education for exceptional children, 52-55,	Federally affected areas, aid to, 359, 361, 363, 364
58, 211	Federal funds for education, 354–372
two-year colleges, 170, 173, 176-178, 181, 196,	Federal sources, receipts from
198–201, 205, 206, 213, 215–219, 310	higher education, 33, 324–328, 330, 331, 333
Ethnicity. See Spanish origin and race.	public elementary and secondary schools, 33, 39,
Exceptional children, enrollment, 52-55, 58, 105,	88, 92, 158–161
106, 211	Fees, higher education students, 312-314
Expenditures	Fellowships and scholarships, 315–321, 335–339,
all schools, 31–33	341–345, 349
administration, 161–163, 166, 167, 334, 335, 337,	Field of study
341–345, 349	achievement scores. See Tests.
by other countries, 391, 408, 409	characteristics of the population, 10
Federal Government, 33, 34, 357–372	earned degrees, 10, 247-261, 263, 264, 266, 267,
governmental, 33–37	269, 270, 272, 273, 275–305
higher education, 31–36, 171, 217–219, 333–349	enrollment in higher education, 213, 214
instruction, 88, 92, 162–164, 166, 167, 334.335,	employment, 383, 384, 386
337, 338, 341–345, 349	faculty in higher education, 231–233
libraries, 334, 335, 337–339, 341–345, 349, 416–	Federal funds for colleges, 368
418	salaries, 386
per pupil, public schools, 39, 88, 92, 168, 169 per pupil, by country, 408	Finances. See Capital outlay, Current expenditures,
per student, higher education, 334, 336, 341–345,	Expenditures, Income, Property, Revenues,
349	Salaries.
public elementary and secondary schools, 31–33,	Financial aid to college students, 315–323
35, 36, 39, 88, 92, 161–169	Fine and applied arts
private elementary and secondary schools, 31–33	degrees conferred, 247–254, 256–259, 263, 264,
pupil transportation, 51, 163, 166, 167	266, 267, 269, 270, 272, 273, 298
research, 334, 335, 337–339, 341–345, 349, 367,	faculty in higher education, 231–232
368	First-professional degrees, 9, 170, 171, 217–219,
State and local expenditures, 34-37. Also see	244, 246, 255, 260, 261, 274–276
Revenues.	First-professional enrollment, 2, 175, 177, 189, 197–
Extracurricular activities participation, 50, 143, 144,	199, 207  Fronkman, 190, 194, 203, 205, 207, 213
146, 147	Freshmen, 180–184, 203–205, 207, 212
	Foreign languages degrees conferred, 247–254, 256–259, 263, 264,
F	•
Faculty, higher education	266, 267, 269, 270, 272, 273, 288, 289 courses taken by high school students, 136, 139
academic rank, 226, 227, 230, 231, 234, 235,	enrollment, public high schools, 57
238–240	Foreign students in American colleges, 206–210, 410
age, 227, 230, 231	Forestry, degrees conferred, 253, 254
classes taught, 228, 229	Four-year institutions
	. ca. year mondatorio

Guidance personnel, public elementary and

Guidance personnel, private elementary and

secondary schools, 82-84

secondary schools, 60

expected occupations, 141

family characteristics, 19

high school program, 135

financial aid, 315

labor force participation, 375, 380, 381	with large endowments, 352
literacy, 388	with large libraries, 417
parental involvement in school activities, 25	Instruction practices, higher education, 228, 229
persistence in higher education, 307, 310	Instruction expenditures, 88, 92, 162–164, 166, 167,
population, 16	335–339, 341–345, 349
poverty, 21	Instructional staff, elementary and secondary schools
testing, 107, 110, 111, 113, 116–119, 123–128	private, 60, 62
unemployment rate, 377, 380, 381	public, 39, 80–84
years of school completed, 8, 9, 12	Interest on school debt, 39, 162, 163, 166, 167
Historically black colleges and universities, 218-220	International educational comparisons, 389-410
Historical summary statistics	Italian
enrollment, all levels, 3	degrees conferred, 253, 254
higher education, 170	enrollment, public secondary schools, 57
public schools, 39	
History,	J
degrees conferred, 253, 254, 297	Journalism, degrees conferred, 253, 254
faculty, 232	Junior colleges
testing, 115, 116, 127	faculty, 223–225, 227–229, 230, 233–237, 240
Home activities, 50, 109, 112, 118, 122, 143, 144,	finance, 217–219, 321, 328, 334, 337, 343, 349
146, 147, 400, 421, 422	number, 5, 210, 236–238
Home computers, 421, 422	staff, 223, 224
Home economics	enrollment, 167, 170, 173-175, 177, 192, 194-
courses taken by high school students, 137	197, 201, 202, 204, 208, 210–214, 307, 316–
degrees conferred, 247–254, 256–259, 263, 264,	318
266, 267, 269, 270, 272, 273	number, 5, 210, 236–238
graduates, organized occupational curricula, 247–	Junior high schools, 94, 98
249	Junior-senior high schools, 5, 94–96, 98
Homework, 109, 122, 395, 397, 399, 401, 402	
Hospitals, university, 324–328, 330, 331, 335–339	K
Household income, 20 Humanities	Vindergerten
degrees conferred, 247–254, 256–259, 263, 264,	Kindergarten
	activities, 50, 143
266, 267, 269, 270, 272, 273, 287–289, 296–	enrollment, 41–43, 46–48, 54, 143
298, 299, 302, 305 faculty in higher education, 231–233	readiness, 49
raculty in higher education, 231–233	L
1	_
	Labor force status
Illiteracy, 388. Also see Educational attainment.	by educational attainment, 375-377, 380-385
Income	disabled persons exiting the education system,
by years of school completed, 378-379	105, 106
graduates, 378–379, 386	recent college graduates, 383-385
higher education institutions, 171, 217–219, 321,	recent high school dropouts, 381
324–333	recent high school graduates, 380
personal, 37	Latin
public schools, 39, 88, 92, 158-161	degrees conferred, 253, 254
Institutions of higher education	enrollment, public secondary schools, 57
by control, 5, 171, 179, 215, 241–243, 258–260	Law
by denominational affiliation, 179	first-professional degrees conferred, 260, 261, 275,
by size of enrollment, 215, 216	276
by type, 5, 215, 241–243	enrollment, 206
closing, 243	other degrees conferred, 247–254, 256–259, 263,
conferring most doctor's degrees, 306	264, 266, 267, 269, 270, 272, 273
enrolling largest numbers of students, 216, 217	Letters, degrees conferred, 247–254, 256–259, 263,
historically black, 218–220	264, 266, 267, 269, 270, 272, 273, 287
offering remedial instruction, 309	Level of school completed, 8–14
receiving most Federal funds, 333	Librarians
traditionally black, 218–220	higher education institutions, 416, 417

public, 418 private schools, 60, 411	testing, 118–123, 127–134, 311, 395, 396, 399–401
public schools, 82–84, 411–413 Libraries	Medical laboratory technologies, degrees conferred, 247–249
college and university, 416, 417	Medicine
large university, 417	degrees conferred, 253, 254
private school, 411	first-professional degrees, 260, 261, 275, 276
public, 418, 419	enrollment, 213, 214
public school, 411–413	Membership, public schools, 39. Also see
technology use, 411–413, 414	Enrollment.
Library expenditures	Mentally retarded, special education, 52, 53, 105,
college and university, 335–339, 341–345, 349,	106
416, 417	Metropolitan area,
public, 418, 419	internet access, 415
Library science, degrees conferred, 247–254, 256–	participation in federal programs, 371, 372
259, 263, 264, 266, 267, 269, 270, 272, 273	public school statistics, 88
Life sciences	testing, 107, 113, 126
courses completed by high school graduates, 136,	years of school completed, 14
138	Microcomputers, use of, 411-413, 420-422
credits earned by college graduates, 308	Middle schools, number, 94, 97
degrees conferred, 247–254, 256–259, 263, 264,	Migration of college students, 203–205
266, 267, 269, 270, 272, 273, 279, 280, 299,	Military sciences, degrees conferred, 247–254, 256-
303	259, 263, 264, 266, 267, 269, 270, 272, 273
enrollment, higher education, 213, 214	Minimum-competency testing for students, 122, 156
faculty, 232	Minimum-competency testing for teachers, 157
Graduate Record Examination, 311	Minorities
Life values, 374	college graduation rates, 307, 310
Literacy, 388, 403, 404	degrees conferred, 219, 262–276, 299–305, 307
Literature, degrees conferred, 247–254, 256–259,	educational attainment, 8–10, 12
263, 264, 266, 267, 269, 270, 272, 273, 287	enrolled in colleges, 183, 184, 186, 206–212, 216
Literature, Graduate Record Examination, 311	enrolled in elementary and secondary schools, 45
Local basic administrative units, 89–93	enrolled in school, 7
Local public school systems with largest enrollments,	high school courses taken, 136–139 high school dropouts, 103, 104, 381
92, 93	high school graduates, 183, 380
Local sources, receipts from	testing, 107, 110, 113, 115–119, 123–128
higher education, 33–36, 324–328, 330–342	Mobility of teachers, 72, 76
public schools, 33-36, 39, 88, 92, 158-160	Music, degrees conferred, 253, 254
Lunch, school program, 163, 166, 167, 359, 369, 371	Music education, degrees conferred, 253, 254
	Music, participation in high school activities, 144,
М	146, 147
Major field of study	N
earned degrees, 247–254, 256–259, 263, 264,	
266, 267, 269, 270, 272, 275–305	National Assessment of Educational Progress
enrollment in higher education, 213, 214	geography, 116, 117
Federal obligations to colleges, 368	history, 115, 116, 127
Master's degrees, 9, 11, 170, 171, 217–219, 244,	international geography, 394
246, 251, 253–259, 268–270, 277–298	international reading literacy, 403, 404
Mathematics 440	mathematics, 118–121, 123, 127
attitudes about classes, 140	reading, 107–112, 127
courses taken by high school students, 123, 136,	science, 125–127
138	writing, 113, 114
credits earned by college graduates, 308	Natural science
degrees conferred, 241–248, 250–253, 257, 258,	courses taken by high school students, 136, 138,
263, 264, 266, 267, 269, 270, 272, 273, 291	139
enrollment, higher education, 213, 214	faculty in higher education, 231–233
faculty, 232	Nonpublic schools. See Private schools.

Nursery school, 41, 42, 46-48, 143 Physical plant, higher education, value of, 171, 351 Nursing, degrees conferred, 247–249, 253, 254 Physical sciences courses taken by high school students, 136, 138, 0 credits earned by college graduates, 308 Occupational programs (higher education) degrees conferred, 241-248, 250-253, 257, 258, awards, 247-249 261, 263, 264, 266, 267, 269, 270, 272, 273, enrollment, 213 292, 293, 299, 304 schools offering, 5 enrollment in higher education, 213, 214 Occupational programs (secondary), 137 faculty, 232 Occupation and employment Physics, degrees conferred, 253, 254, 293 college graduates, 375-379, 383-386 Plant value, higher education, 171, 351 expected occupations of 8th, 10th and 12th Preschool education, 41, 42, 46-48, 143 graders, 141 Political science high school graduates, 105, 106, 375-380 degrees conferred, 253, 254, 297 high school seniors, 382 faculty, 232 school dropouts, 375-379, 381 Population Office occupations (vocational) credits, 137 by continent, 391 One-teacher schools, public, 89, 94 by country, 392 Operation and maintenance expenditures by years of school completed, 8-14 elementary and secondary, 88, 162, 163, 166, 167 percent enrolled in school, 6, 7 higher education, 335-339, 341-345, 349 poverty, 20, 21 Opinions on education school-age, 15-17 attitudes about classes, 140 total, 15, 17, 37, 39 average grade for schools, 22 Postsecondary education, 5, 170-356. Also see opinions about school climate, 28, 142 Higher education. opinions about schools, 22-29, 69, 74-76 Poverty, 20, 21 perception about student behavior, 27, 142, 151 Preprimary programs, enrollment in, 41-43, 46-48, problems in schools, 23, 27, 28, 142, 148, 151 52, 53, 55 reasons why 10th graders go to school, 154 Price indexes, 38 school choice, 24 Principals, private schools, 60, 87 teachers' attitudes, 26-28, 69 Principals, public schools, 82-84, 87 Organized occupational curricula, formal awards Private elementary and secondary schools based on, 247-249 college application rates, 185 Outcomes of education, 373-388. Also see Degrees enrollment, 1-3, 46, 56, 58, 59, 61-63 and Graduates. expenditures, 32, 33 graduates, 63, 99 Ρ libraries, 411 Parental involvement, 23, 25, 27, 140, 143 mobility of teachers, 72 Part-time college students, 172, 174-182, 187-189, number, 5, 59, 61, 63, 89 193-195, 216, 219 opinions of teachers, 26-28 Pell grants, finance, 322, 359, 361, 363, 364 principals, 60, 87 Pell grants, received by students, 319 pupils per teacher, 60, 64 Per capita personal income, 37 salaries of teachers, 73 Per pupil cost of transportation, 51 staff, 1, 60 Per pupil expenditures, 39, 88, 92, 168, 169, 409 teachers, 1, 4, 60, 62-64, 67, 72, 73 Per student expenditures (higher education), 334, Private gifts and grants, higher education, 324-328, 335, 341-345, 349 330, 331, 340 Persistence in higher education, 307, 310 Private institutions of higher education Personal income, 37 degrees conferred, 170, 245, 255-260 Pharmacy, degrees conferred, 253, 254, 261, 275, endowment, 352 enrollment, 2, 3, 170, 172, 173, 176-182, 187-Philosophy and religion, degrees conferred, 241-248, 189, 192, 195, 196, 198–202, 206, 209, 215– 250-253, 257, 258, 261, 263, 264, 266, 267, 269, 220, 317-320 270, 272, 273, 275, 276 expenditures, 32, 33, 334, 336, 339, 344, 345,

348, 349

faculty number, 4, 221-225, 227-230, 233

Physical education, degrees conferred, 253, 254

Physical plant additions, 350

physical plant additions, 350

faculty salaries, 227, 230, 233–239 faculty tenure, 240 financial aid, 316–322 number, 5, 179, 209, 215, 241–243, 258–260 opinions, 29 physical plant additions, 350 revenues, 33, 322, 326, 328, 332 student charges, 312–314	revenues, 33, 322, 325, 328–332 student charges, 312–314 Public opinions on schools, 22–29, 69, 73–76 Public school systems, 89–93 Pupils. See Enrollment. Pupil-staff ratio, 60, 82, 86 Pupil-teacher ratio, 60, 64, 66, 82, 88, 91 Pupil, expenditure per, 39, 88, 92, 168, 169, 408
Professional degrees. See Degrees and First- professional degrees.	Pupils transported at public expense, 51
Property, higher education, value of, 171, 351, 352	R
Protective services, degrees conferred, 241–248,	Race
250–253, 257, 258, 261, 263, 264, 266, 267, 269,	adult education, 353, 354
270, 272, 273	college faculty, 222, 226, 227, 230-232
Protestant institutions of higher education, 179	college graduation rates, 307, 310
Psychology degrees conferred, 241–248, 250–253, 257, 258,	courses completed by high school students, 136–139
261, 263, 264, 266, 267, 269, 270, 272, 273, 294	degrees conferred, 9, 10, 12, 219, 262–276, 299–305, 307, 310, 315
enrollment, 213, 214	enrolled in college, 183, 186, 206–212, 219
faculty, 232	enrolled in preprimary education, 46, 48
Public affairs, degrees conferred, 241–248, 250–253, 257, 258, 261, 263, 264, 266, 267, 269, 270, 272,	enrolled in public elementary and secondary
273	schools, 45
Public elementary and secondary schools	enrolled in school, 7
districts, 89–93	going to college, 145, 183, 185, 186, 380 high school dropouts, 8–10, 12, 104–105, 381
college application rates, 185	high school graduates, 8–10, 12, 183, 380
enrollment, 1-3, 39-46, 51, 56, 58, 66, 86, 88, 90,	high school program, 135
92, 93, 95	labor force participation, 375, 380, 381
expenditures, 32, 33, 35, 36, 39, 88, 92, 162–169	literacy, 388
finance, 34–36	parental involvement in education, 25
graduates, 92, 99, 100 graduation requirements, 155	persistence in higher education, 307, 310
instructional staff, 39, 82–84	population, 16
librarians, 82–84	poverty, 21 testing, 107, 110, 111, 113, 116–119, 123–127,
libraries, 411–413	129
minimum-competency testing, 122, 156, 157	unemployment, 377, 380, 381
number, 5, 88, 89, 92, 94–98	years of school completed, 8-10, 12
principals, 82–84, 87	Readiness for school, 49
revenue receipts, 39, 88, 92, 158-161	Reading tests, 107-112, 127-134, 403, 404
teachers, 1, 4, 39, 64–79, 82–85, 88, 92	Receipts. See Revenue.
telecommunications use, 411–415	Regular 4-year high schools, 94, 98
Public institutions of higher education	Religion degrees conferred, 253, 254. Also see
degrees conferred, 170, 245, 255–260 endowment, 352	Philosophy and religion.
enrollment, 3, 170, 172, 173, 176–182, 187–	Religious affiliation elementary and secondary schools, 59–62, 140–
189, 192, 195, 196, 198–202, 206, 209, 215–	142, 144–146
220, 317–320	institutions of higher education, 179
expenditures, 32, 33, 334, 336, 338, 341–343,	Remedial instruction, 58, 309
346, 347	Research funds, 335–339, 341–345, 349, 357, 359,
faculty number, 4, 221–225, 227–230, 233	367, 368
faculty salaries, 227, 230, 233–239	Residence and migration of college students, 203-
faculty tenure, 240	205
financial aid, 316–322	Resident population, 15–17, 39
number, 5, 179, 209, 215, 241–243, 258–260	Retention rates in higher education, 307, 310
opinions, 29	Revenues, institutions of higher education, 33, 171,

322, 324–333

Revenues, receipts, public schools, 33, 39, 88, 92, 158–161	institutions of higher education, 215 largest colleges, 216, 217
Room charges, 312, 313	largest school districts, 92, 93
Russian	school districts, 90
degrees conferred, 253, 254	schools, 95, 412
enrollment, public secondary schools, 57	Social sciences
	credits earned by college graduates, 308
S	degrees conferred, 241–248, 250–253, 257, 258,
Salaries	261, 263, 264, 266, 267, 269, 270, 272, 273,
higher education	296, 297, 299, 305
bachelor's degree recipients, 378, 379, 386	enrollment, higher education, 213, 214
faculty, 227, 230, 233–239	faculty in higher education, 231, 233
library expenditures for, 416, 417	Social work, degrees conferred, 253, 254
private school teachers, 73	Sociology
public schools	degrees conferred, 253, 254, 297
outlays, 163, 164	faculty, 232
teachers, 73, 77-81	Spanish
total instructional staff, 39, 80, 81	degrees conferred, 253, 254, 289
Scholarships and fellowships, 320-323, 337-339,	enrollment, public high schools, 57
335–339, 341–345, 349	Spanish origin. See Hispanic.
Scholastic Aptitude Test, 128–133	Special education
School-age population, 16, 17, 39	completions, 105, 106
School assistance in federally affected areas, 88,	degrees conferred, 253, 254
359, 361, 363, 364	enrollment, 52–55, 58, 211
School districts, 89–92	Speech, degrees conferred, 253, 254
School lunch program, 359, 369, 371, 414	Sports, participation in school activities, 144, 146,
School readiness, 64	147
School systems, 89–93	Staff. See Faculty, Classroom teachers, Instructional
School year, length, 39, 122, 152, 395	Staff,
School years completed, 8–14	private elementary and secondary schools, 1, 60
Schools	public elementary and secondary schools, 1, 39,
climate, 27, 28, 142	82–86, 161
elementary and secondary	all schools, 1
private, 5, 59, 61, 63, 89	pupil-staff ratio, 60, 82, 86
public, 5, 88, 89, 92, 94–98	State
higher education, 5, 171, 179, 209, 215, 241–243,	adult basic education, 355
258–260	assessment, 111, 112, 120, 121
noncollegiate postsecondary, 356	compulsory school attendance, 152
Science	degrees conferred, 245, 246
attitudes about classes, 140	Department of Agriculture obligations, 369
courses taken by college graduates, 308	Department of Education obligations, 363–365
courses taken by high school students, 136, 138,	Department of Health and Human Services
139	allocations, 370 educational attainment, 11–14
degrees conferred, 241–248, 250–253, 257, 258,	·
261, 263, 264, 266, 267, 269, 270, 272, 273,	enrollment in higher education, 182, 190–199,
277, 279, 280, 292, 293, 299, 303, 304	201–205, 210
enrollment in higher education, 213, 214	enrollment in private schools, 63
faculty in higher education, 231–233	enrollment in public schools, 40–42, 44, 45, 66, 86
testing, 124–127, 134, 311, 397, 398, 402	expenditures for public higher education, 346, 348
Secondary schools	expenditures for public higher education, 346–348
private, 5, 59, 61, 62, 89	expenditures for public schools, 161, 165–168
public	Federal obligations to colleges, 363, 364, 367
junior high, 94, 98	governmental expenditures, 35, 36
total, 5, 89, 94–96, 98 Secondary school teachers, public, by field, 70, 71	graduation requirements, 155 Head Start allocations, 370
Secondary school teachers, public, by field, 70, 71 Senior high schools, 94, 98	high school graduates, private, 63
Size of enrollment	high school graduates, public, 100
OLC OF CHICHITIEFIC	riigir scrioor graduates, public, 100

all levels of education, 1, 4

characteristics, 67-72 large districts, 92

by sex, 39, 67, 69

by field, 70

elementary and secondary schools

opinions, 26-28, 49, 69, 74-76, 151

homework, 122	private, 1, 4, 60, 62-64, 67, 72, 73
household income, 20	pupil-teacher ratio, 60, 64, 66, 82, 88, 92
instruction expenditures, 164, 166, 167	public, 1, 4, 39, 64–79, 82–85, 88, 92
mathematics, 120–122	salaries, 73, 77–79
minimum-competency testing, 122, 156, 157	higher education instructional staff
number of institutions of higher education, 242	number, 4, 221–225, 227, 230, 232
number of noncollegiate institutions, 356	salaries, 227, 230, 232–239
number of public schools, 96–98	tenure, 240
number of school districts, 91	
population, 17	Technology, use of, 411–415, 420–422
poverty, 20	Technical education, enrollment, 213, 353, 354
proficiency in mathematics, 120, 121	Technical programs, degrees, 247–249
proficiency in reading, 111, 112	Telecommunications, 411–415, 420, 421
pupil-teacher ratio, 66	Television, 112, 118, 122, 143, 146, 400, 411, 413
residence and migration of college students, 203-	Tenure of higher education faculty, 240
205	Tests
revenues for higher education, 329–332	American College Testing, 134
revenues for public schools, 159–161	Graduate Record Examination, 311
salaries, public instructional staff, 80	international, 394-404
salaries, public school teachers, 78, 79	minimum-competency, 122, 156, 157
salaries, higher education faculty, 236–239	National Assessment of Educational Progress,
Scholastic Assessment Test, 133	107–126
staff, public schools, 83-86, 161	National Education Longitudinal Study, 127
state education agencies, 161	Scholastic Aptitude Test, 128–133
state regulations, 54, 152, 155–157	Theology, degrees conferred, 247–254, 256–259,
state student financial aid, 323	261, 263, 264, 266, 267, 269, 270, 272, 273, 275,
teachers, private schools, 63	276
teachers, public schools, 65, 66, 83-85	Total expenditures. See Expenditures.
teachers, characteristics of public school, 68	Trade and industry courses taken by high school
television watching, 112, 122	students, 135, 137
testing, 111, 112, 120, 121, 133	Traditionally black colleges, 218–220
tuition and fees in higher education, 313	
years of school completed, 11–14	Transportation of public school pupils, 51, 163, 166, 167
State governments, receipts from	
higher education, 324–328, 328–332	Tuition and fees, higher education, 312–314
public schools, 158–160	Tuition, private elementary and secondary schools,
Statistics, degrees conferred, 253, 254	61
Statistics related to American education, 373–388	Tuition revenues, higher education, 322, 324–328,
Structure of education in the U.S., figure 1	330, 331
Student fees,	Two-year institutions
higher education, 312–314	enrollment, 170, 173, 176–178, 181, 196, 198–
private elementary and secondary, 61	201, 205, 206, 209, 213, 215–219, 310
Student loan (Federal) program, 315-320, 357, 359,	faculty, 223, 224, 227, 226, 227–230, 233–237,
361	240
Students. See Enrollment.	finance, 217-219, 322, 328, 336, 335, 343, 349
Students receiving financial aid, 315-320	number, 5, 215, 241–243
Supplies expenditure, 163, 164	staff, 223
	11
T	U
Teachers	Undergraduate enrollment, 2, 175, 177, 187, 197-

199, 207, 2011213, 217, 315–318 Unemployment, 377, 380, 381 U.S. education, structure of, (figure 1) Universities enrollment, 173, 209, 215 finances, 328, 335, 341, 344, 349 number, 209, 215, 242

V	courses completed by high school students, 136-
Value of physical plant, higher education, 171, 350, 351	139 degrees conferred, 9, 10, 12, 262–276, 299–305, 307
Value of endowment funds, higher education, 171, 351, 352	dropouts, 103, 104, 381 drug use, 148
Value of property, higher education, 171, 351	educational attainment, 8–10, 12
Values, life, 374	enrolled in colleges and universities, 183, 186,
Veterinary medicine	206–212, 310, 315, 380
degrees conferred, 261, 275, 276	enrolled in public schools, 45
enrollment for professional degrees, 214	enrolled in school, 7
Violence, student exposure to, 148, 151	expected occupations, 141
Visual and performing arts, degrees conferred, 247-	family characteristics, 19
254, 256–259, 263, 264, 266, 269, 270, 272, 273,	financial aid, 315
298	high school program, 135
Vocational education	parental involvement in school activities, 25
awards, 170, 247–249	labor force participation, 375, 380, 381
credits earned by high school students, 136, 137	literacy, 388
enrollment, 170, 354, 353	persistence in higher education, 307, 310
Federal funds, 359, 361, 363, 364	population, 16
high school program, 135	poverty status, 21
institutions offering, 356	testing, 107, 110, 111, 113, 116–119, 123–127,
teachers, 71	128
Volumes	unemployment rate, 377, 380, 381
college and university libraries, 416, 417	years of school completed, 8–10, 12
public libraries, 418, 419	Writing tests, 113, 114
private school libraries, 411	Υ
public school libraries, 411	•
Voluntary support for education, 30, 340	Years of school completed
14/	income, 378, 379, 386
W	occupations, 376
Wages. See Income.	adults, 8–14
Whites	persons 25 to 29 years old, 8, 9, 11–14
activities, 144–147	unemployment, 377
adult education, 353, 354	Z
attendance patterns, 153	<b>4</b>
attitudes about school climate, 142	Zoology, degrees conferred, 253, 254